



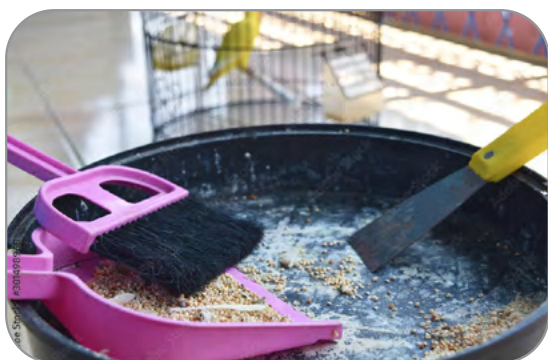
# Cleaning and Disinfection Procedures

Keeping animals' environments clean and free of germs is essential to their health and well-being. Follow these steps to make sure your cleaning practices are effective in keeping your animals healthy and happy.

## Cleaning Process

Perform ALL steps to thoroughly clean and sanitize:

1. Physically remove gross contamination and organic material (visible dirt, grime, or feces). **This is the most important step!** Soap and disinfectants will only clean the top layer of dirt on a surface, not what lies beneath.



*Physically remove gross contamination and organic material*

2. Use detergent (soap) and water to thoroughly clean surfaces of invisible dirt; rinse.
3. Apply disinfectant or sanitizing method (top right), following all product label instructions including contact time.
4. Thoroughly rinse or wipe away disinfectant.\*
5. Squeegee or dry surfaces before allowing animals back in.

\*Steps 2-4 may be combined into a single step when using a combination detergent and disinfectant (like chlorhexidine). Check product labels or ask your attending veterinarian if your products have this capability.



## Sanitization Methods

There are many ways to effectively sanitize animal facilities. Talk with your veterinarian to choose the right option(s) for you:

- Live steam under pressure
- Washing with hot water (at least 180° F or 82.2° C) and soap or detergent (as most dishwasher or cage washer machines do)
- Washing with appropriate detergent and disinfectant solutions

## What's in a Word?

While these terms are often used interchangeably, they refer to different degrees of cleanliness:

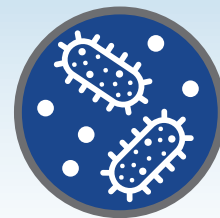
**Cleaning** simply means removing gross (visible) dirt from an object or surface.

**Decontamination** is a broad term for making an object safe to handle.

**Sanitizing** reduces the number of germs on an object or surface but doesn't get rid of them all.

**Disinfection** removes most 'live' germs like bacteria and viruses. It may not kill cysts or spores that, under the right conditions, can mature and cause infections.

**Sterilization** kills or deactivates all microorganisms including bacteria, viruses, cysts, and spores.



### DID YOU KNOW?

Permeable surfaces like bare wood, unsealed concrete, foam, or fabric, as well as surfaces with rust or damage from chewing and scratching, cannot be thoroughly disinfected. Solid or liquid matter that contains germs can "hide" in tiny cracks and crevices where the soap and disinfectants cannot reach. Allow proper cleaning and sanitization by removing, repairing, or replacing these surfaces frequently.

### PRACTICAL TIP



Disinfectants need sufficient **contact time**, or time in contact with an object or surface, to effectively kill germs. A product's contact time is printed on the manufacturer's label. Be sure to allow the full contact time to elapse before rinsing or wiping the disinfectant away.

